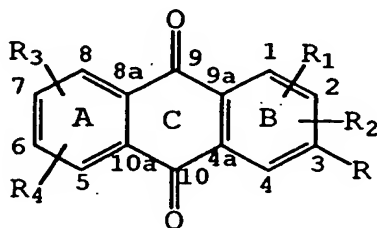


## ABSTRACT

Anthraquinones are described which are antihelminthic and in particular, are useful in compositions for inhibiting *Schistosoma* sp. *in vitro* or *in vivo*. The preferred anthraquinones have the formula:



wherein  $R_1$ ,  $R_2$ ,  $R_3$ , and  $R_4$  are each hydrogen, hydroxy, halogen, alkyl, substituted alkyl, alkene, substituted alkene, alkyne, aryl, substituted aryl, cyclic, substituted cyclic, acid group, carbohydrate, or combination thereof,  $R$  is a group containing 1 to 12 carbons such as methyl, alkyl, substituted alkyl, aldehyde, hydroxy, hydroxymethyl, acid group, carbohydrate, or combination thereof, and the halogen is I, F, Br, or Cl.